

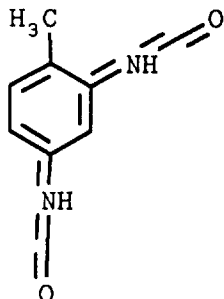
COMPANY NAME: International Isocyanate
Institute, Inc.
CHEMNAME:

8EHQ-1091-1390 INIT

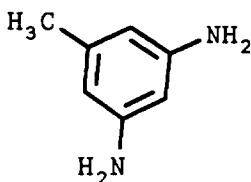
TOLUENEDIAMINE/TOLUENE DIISOCYANATE

Contains No CBI

STRUCTURE:



Toluene Diisocyanate



Toluenediamine

CAS #:

025376-45-8/026471-62-5

SUBMISSION DATED: October 23, 1991

STUDY DESIGN AND RESULTS

Aquatic Toxicity Test (Summary Results)

Dosage/route/duration: A 96-hour LC50 study with red sea bream (*Pagrus major*) was performed on toluenediisocyanate (TDI).

RESULTS:

- o The LC50 value was 0.4 mg/L in this study.
- o The submitter reported other species studies resulting in LC50 values ranging from 6 to 4100 mg/L.
- o The submitter reported that "under the conditions of this test, much of the TDI was observed to hydrolyze to toluenediamine (TDA). The toxicity reported in this test may be due to the presence of TDA. The LC50 for TDA under these conditions has been determined to be 0.2 mg/L as is being reported separately." (See 8(e) submission 1391)

VOLUNTARY ACTIONS INDICATED: None